

Application No.: Not Yet Assigned

Docket No.: 1163-0509PUS1

**AMENDMENTS TO THE SPECIFICATION****IN THE SPECIFICATION:****Page 28**

Please replace the paragraph beginning at line 30, through page 29, line 21, with the following new paragraph:

Results of experiments that were carried out in order to check the above-mentioned effects by the inventors will be explained. Fig. 6A shows the experimental results obtained for various kinds of samples #1 to #4 of the refraction/total reflection plate 1. The first transparent substrate 18 is formed of acrylic for each of the plurality of samples #1 to #4. The sample #1 is equivalent to the refraction/total reflection plate 1 of the comparative example of the Fig. 4 in which neither the reflection reduction coating layers 16 and 17 nor the first lenticular lens unit 15 is disposed. The sample #4 is equivalent to the refraction/total reflection plate 1 according to embodiment 1 of Fig. 1 in which the reflection reduction coating layers 16 and 17 and the first lenticular lens unit 15 are disposed. While each of the reflection reduction coating layers 16 and 17 consists of a single-layer coating in ~~each of the samples #2 and #3~~ the sample #2, each of the reflection reduction coating layers 16 and 17 consists of a two-layer coating in ~~the sample #4~~ each of the samples #3 and #4. In other words, in ~~the sample #4~~ each of the samples #3 and #4 each of the reflection reduction coating layers 16 and 17 has a first layer that is coated on the refraction/total reflection plate 1, and a second layer coated on the first layer.

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Please replace the paragraph beginning at line 15, through line 29, with the following new paragraph:

The first lenticular lens unit 15 is formed on the light-emitting-side surface of the refraction/total reflection plate 1, and the two or more cylindrical lenses each of which is running in the horizontal direction are arranged in a line and along both the upward and downward directions in the first lenticular lens unit 15. Therefore, the rotation symmetry of beams of light reflected by the surfaces of the refraction/total reflection plate 1 can be broken and hence the downward ghost rays of light can be prevented from being concentrated in the vicinity of the lower end or inner-side portion of the transparent screen 100. The first lenticular lens unit 15 can diffuse undesired ~~high-speeds~~ light rays on the light-emitting-side surface of the refraction/total reflection plate 1, thereby making the double image rays of light and the upward ghost rays of light be inconspicuous.

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Please replace the paragraph beginning at line 1, through line 15, with the following new paragraph:

In accordance with this embodiment, the array of the plurality of micro lenses 15 formed on the light-emitting-side surface of the refraction/total reflection plate 1 is disposed for scattering undesired rays of light which are incident upon the plurality of ineffective facet surfaces 12 and are then reflected by the light-emitting-side surface of the refraction/total reflection plate 1. In addition, ~~the first lenticular lens unit 15~~ the array of the plurality of micro

lenses 150 can scatter a beam of light 5LMD (see Fig. 5) which is reflected by the light-emitting-side surface of the refraction/total reflection plate 1, is incident upon a sawtooth surface located above again, and passes through the refraction/total reflection plate 1 again. These two light scattering steps can make it possible to reduce the density of the double image rays of light on the screen and therefore to reduce the visibility of the double image rays of light.